

ABSTRACT

A universal serial bus (USB) device and an initializing method therefor. The USB device includes an interface, at least one signal line and a voltage regulator. The interface stores a basic descriptor. The interface primarily activates an initialization signal and transfers the basic descriptor to a host to perform a primary initialization. Further, the interface downloads a real descriptor stored in the host in response to a download command generated from the host, and secondarily activates the initialization signal and transfers the real descriptor to the host to perform a secondary initialization. The signal line guides the basic descriptor, the real descriptor and the download command. The voltage regulator pulls up the signal line while the initialization signal is activated.